

PLANT HEALTH CARE PLC
(“Plant Health Care” or “the Company”)

Plant Health Care and Monsanto sign agreement for the development and commercialization of Harpin Technology

Plant Health Care Inc, a wholly-owned subsidiary of Plant Health Care plc (AIM: PHC), and Monsanto Company (NYSE: MON) have entered into an agreement to evaluate, develop and commercialize applications of Plant Health Care’s Harpin-based technology.

Plant Health Care’s Harpin seed technology is aimed at suppressing nematodes in crop settings. Under the agreement, Plant Health Care will grant Monsanto certain exclusive rights to applications of its Harpin technology. In return Plant Health Care will receive an undisclosed upfront payment, plus a milestone payment dependent upon the progress of the development of the technology over the next twelve months.

Once evaluations are complete, the companies estimate that the products could be available to farmers by the end of the decade. At the time of commercialization, Plant Health Care will also receive a royalty payment based on the acreage for which the Harpin technology is supplied. Additional terms of the agreement were not disclosed at this time.

John Brady, CEO of Plant Health Care, noted: “This agreement represents a significant step forward in the development of our company and provides an ideal first platform for the Harpin technology. This agreement with Monsanto validates the confidence that our Board has in the Harpin technology which we only acquired earlier this year.”

About Monsanto Company

Monsanto Company is a leading global provider of technology-based solutions and agricultural products that improve farm productivity and food quality. For more information, please visit the company’s web site at www.monsanto.com.

About Plant Health Care plc

Plant Health Care plc (“PHC”) is a leading provider of natural products for plants and soil. Established in 1995 in Pittsburgh (Pennsylvania) in the United States, PHC currently has approximately 70 employees and has operations in the United States, Mexico, the United Kingdom, Spain, and the Netherlands. The Company listed on the AIM market of the London Stock Exchange in July 2004. Ticker symbol is PHC.

PHC’s products are aimed at the landscape, agriculture and land reclamation industries and are environmentally beneficial. Through the commercialization of these products, PHC is capitalizing on current long-term trends toward natural systems and biological products for plant care and soil and water management. Further information is available at: www.planthealthcare.com.

This release contains "forward-looking statements" which reflect the companies' current expectations about future performance. These forward-looking statements rely on a number of assumptions and estimates which could be inaccurate and which are subject to risks and uncertainties. Actual results could vary materially from those anticipated or expressed in any forward-looking statement made by the companies due to a number of factors, including without limitation technological uncertainties facing the companies, continued competition in the companies' businesses; the companies' exposure to various contingencies, including those related to intellectual property protection, regulatory compliance and the speed with which approvals are received, and public acceptance of biotechnology products; the success of the companies' research and development activities; compliance with regulations affecting manufacturing; and the effect of weather conditions, natural disasters and accidents on the agriculture business or facilities. Additional risks factors related to Monsanto are detailed in Monsanto's periodic filings with the SEC. Undue reliance should not be placed on these forward-looking statements, which are current only as of the date of this release. The companies disclaim any current intention or obligation to update any forward-looking statements or any of the factors that may affect actual results.

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